

Set-up at LNE/SYRTE May-June 2008

		ITRF 97			Maser-1PPS	Meas 3.1 (3.3) / n	Meas 3.2 / ns	Ant. Cable / ns
	X	Y	Z					
BP0C	4202783.408	171367.803	4778657.504	-0.3	10.2/10.5 (10.8/10.9)	N/A	XC = 235.9 ns	
				XP = -0.3 ns	Int ref - 1PPSin (XO) = 26.2 ns (26.6)		Short base: XC+XD = 235.9 ns	
BP0O (Septentrio)				-0.5	241.6/241.6	N/A	235.7	
				XP = -0.5 ns	Int ref - 1PPSin (XO) = 250.3 ns 10-MHz attenuated by 12dB		XC+XD = 235.7 ns	
OPMT (Z12T)	4202777.383	171367.988	4778660.467	32.9	6.7/6.9 (5.9/5.9)	N/A	XC=151.7 (including Novatel splitter); XD=4.2 (Cable 2)+0.7	
				XP = 32.9 ns	Int ref - 1PPSin (XO) = 22.6 ns (21.8)		Short baseline: XC+XD = 156.6 ns (including 2 splitters)	
OPM2 (Z12T)	4202777.383	171367.988	4778660.467	39.1	15.2/15.2 (12.0/11.5)	N/A	XC=151.7 (including Novatel splitter); XD=5.3 (Cable 3)+0.7	
				XP = 39.1 ns	Int ref - 1PPSin (XO) = 31.0 ns (27.8)		Short baseline: XC+XD = 157.7 ns (including 2 splitters)	
OPM3 (Septe)	4202781.560	171369.050	4778658.800	34.4	229.5/229.5	N/A	XC = N/A; XD = N/A	
				XP = 34.4 ns	Int ref - 1PPSin (XO) = 238.2 ns		Short baseline: XC+XD = N/A (1 splitter)	
OPM4 (Z12T)	4202781.560	171369.050	4778658.800	60	16.7/16.7 (16.3/16.3)	N/A	XC = N/A; XD = N/A	
				XP = 60.0 ns	Int ref - 1PPSin (XO) = 32.5 ns (32.1)		Short baseline: XC+XD = N/A (1 splitter)	

Observations

Short baseline: 54608-54624 doy 143-157 (22 May--6 June 2008)

Measurement results

03/06/2008 (L. Tisserand)

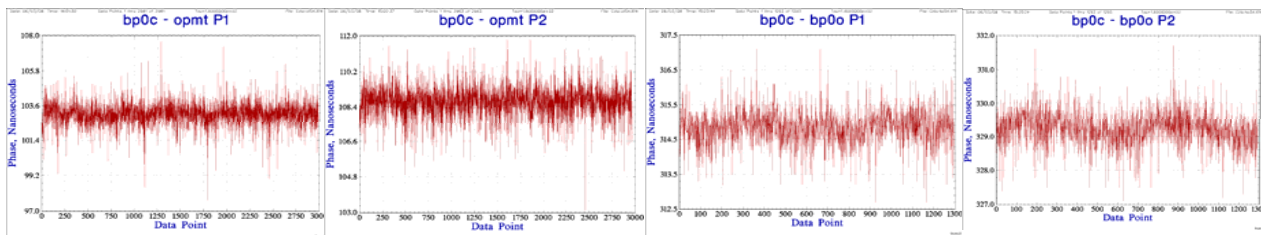
Short baseline: from MJD 54612-54618

Delta (-XP-XO+XR1+XC+XD+XS1) (OPMT - BP0C) = -103.1 ns

Delta (1) (BP0O-BP0C) = -314.9 ns

Delta (-XP-XO+XR2+XC+XD+XS2) (OPMT - BP0C) = -108.7 ns

Delta (2) (BP0O-BP0C) = -329.3 ns



Calibration results

20/06/2008 (G. Petit)

Short baseline

BP0C: -XP-XO+XR1+XC+XD+XS1 = 515.6 ns

BP0C: -XP-XO+XR2+XC+XD+XS2 = 531.9 ns

OPMT: -XP-XO+XC+XD = 101.1 ns

BP0O: -XP-XO+XC+XD = -14.1 ns

Therefore

OPMT: XR1+XS1 = 311.4 ns

BP0O: XR1+XS1 = 214.8 ns

OPMT: XR2+XS2 = 322.1 ns

BP0O: XR2+XS2 = 216.7 ns

Results using the "3.1" measurements for continuity